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ABSTRACT

A review of research on Hispanic education reveals a paucity of information and suggests future research needs. Demographic data are available on Hispanic students in elementary, secondary, and higher education but fail to distinguish among different Hispanic subgroups. Existing data indicate increasing segregation of Hispanics in elementary and secondary schools and only a slow increase in Hispanics enrolled in postsecondary education. Research on Hispanic students has failed to explain their high attrition rate, either blaming Hispanics themselves or simply labelling Hispanics "disadvantaged" without offering further causal explanations. Research in educational finance has been more complete, especially on financial support of Hispanics in postsecondary schools, but more research is needed on educational equity and the returns on education to Hispanics. What little research exists on Hispanics and educational governance confirms that very few Hispanics sit on school boards or work in local of state educational agencies. Recent theoretical research, using the "internal colonialism" model, identifies six roles that Hispanics assume in postsecondary education, but the theories need empirical testing. (RW)

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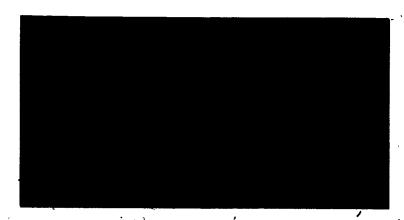
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Program Report No. 81-B11

RESEARCH ON HISPANIC EDUCATION: . STUDENTS, FINANCE, AND GOVERNANCE

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September 1981

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## Abstract

The purpose of this paper is to review the condition of Hispanic education, to examine studies of Hispanic students, to review major finance and governance issues in Hispanic education, and to examine internal colonialism as a theoretical means to understanding the condition of Hispanic education. These issues have not been sufficiently examined even by equity researchers or bilingual educators, for systemic and structural disadvantages facing Hispanic learners are so great at all levels of education and so intertwined with the politically powerless status of Hispanics that neither the nature nor the severity of the disadvantage are fully understood. A research agenda is proposed to prioritize the many areas in which significant finance and governance research needs to be undertaken.

The purpose of this paper is to review the condition of His panic education, to examine studies of Hispanic students, to review major finance and governance issues in Hispanic education, and to examine theoretical models of internal colonialism as a means to understanding the condition of Hispanic education. research agenda is proposed to prioritize the many areas in which significant education research needs to be undertaken. attempt to demonstrate the severity of the problems facing Hispanics in education, elementary and secondary schooling will not be distinguished from postsecondary education. The difficulties many Hispanic students face in the both K-12 and higher education suggest the necessity of improving the transition between the two systems; in keeping with this view, this paper will attempt to analyze the systemic discrimination facing Hispanics at all educa-Where possible, Hispanic subgroup data will be tional levels. disaggregated to account for differences among Chicanos, Puerto Ricans, Cubans, and other Latinos.\* Unless otherwise noted, Puerto Ricans will be defined as Puerto Ricans in the 50 states and D.C. where data from the island are employed, this will be noted.

It is an assumption of this paper that Hispanic education is sues have not been sufficiently examined even by equity researchers or bilingual educators, for systemic and structural disadvantages facing Hispanic learners are so great at all levels of education and so intertwined with the politically powerless

status of Hispanics that neither the nature nor the severity of \*While "Hispanic" is an imprecise and misleading term, federal data since 1973 have been gathered under this designation. For discussions of ethnic terminology, see Arce, 1978; Garcia, 1980, Hayes—Bautista, 1980; Hernandez et al., 1973. Figure One indicates the heterogeneity of the US mainland Hispanic po-

the disadvantage are fully understood. It may be impossible to disentangle the educational problems from Hispanic political disenfranchisement, inasmuch as educational policy is political both at local and higher levels — neither level at which Hispanics have control of political institutions, even in geographic areas in which they are the majority. However, the focus of this inquiry is upon inability of school districts to educate Hispanic children, rather than upon the scarcity of Hispanic elected school board members, and upon the failures of federal education equity legislation, rather than upon the small number of Hispanic legislators.

[Insert Figure One Here]

#### THE CONDITION OF HISPANIC EDUCATION

Hispanic children attended more segregated schools in 1976 than was even the case in 1970, when data indicated a high percentage of Hispanic students attended schools in which minority children were the majority of the student body (Table 1). These data show dramatic national and regional trends, to the extent that more than two thirds of all Hispanic students were enrolled in public schools in which 50% of the enrollment was minority. Further, many Mispanic families feel that desegregative racial assignments without regard to a child's linguistic competence will dilute bilingual programs and render both ineffective.

[Insert Table One here)

FIGURE ONE

-Geographical distribution of Hispanics mong selected States by subgroup: 1976

State <sup>1</sup>	N	Percent of population Hispanic	Percent distribution  Hispanic subgroup					
	Number of Hispanics (000s)							
			Mexican American	Puerto Rican	Cuban	Central or South American	Other Hispani	
United States	11,193	5.6	61	14	٠ 6	7	11	
Arizona	350	15	91	•	•	*	7	
California	•	16	82	3 .	1 .	7	8.	
Colorado		. 11	, 76	. *	* •	. * ~	21	
Connecticut		` 3. `	•	71	. •		]*	
Florida	•	8	5	<sup>′</sup> 6	62 .	9	/19	
Ceorgia		1	•	•		*		
Hawaii		3		**	•	•	*	
Idaho		3	- 73	•	. *	., 🔩	•	
Illinois		- 4	54	32	• .	6	*	
Indiana		· • • • •	68		•'	<b>*</b> • •		
Iowa		` i	*	•	• ′	4 <b>*</b>		
	_		77	•	*	•		
Kansas Louisiana		2			•	. 24	52	
Maryland		1	* .	*	•	•	9 🛊	
Maryiano	· A	• •	•	49	**	· 24		
		- 1	· 70	•		•	*	
Michigan		* 1 *	*	•	<b>*</b>	•	*	
Minnesota		, ,	•	*				
Missouri		2	88	•	*	•		
Nebraska		6	62	*	•	•		
Nevada		=	02 *	47	24	- 15	12	
New Jersey		5 26	51	*	*		48	
New Mexico		36	21.	59	5	20	14	
New York		8 1 ·	52	26		*		
Ohio		. 1	66	20 *		• ,		
Oklahoma		1			• •	• ` •	, *	
Oregon		2	. 71 . •	80		•	•.	
Pennsylvaniā		1	1	o∪ *		•		
Texas		21	97 70	•	~`• (	•	*	
Utah		3	70 \ •		* 1	•	-36	
Virginia		1 ,		*	•		*	
Washington		- 32	74	•	•			
Wisconsin	. 34	1	•	•	•	*	•	

<sup>\*</sup>Percent not shown where estimate is less than 20,000 persons.

(Condition, 1980, Table 1.04

Only those States with an estimated Hispanic population of at least 20,000 are listed.

NOTE.-Details may not add to totals because of rounding.

SOURCE: U.S. Department of Health, Education, and Welfare, National Center for Education Statistics, Survey of Income and Education, spring 1976, special tabulations.

-Number and percent of Hispanic students attending public schools in selected school districts, by minority composition of school: 1970-1976

•	Number of	Percent of Hispanic students attending:					
Geographic area	Hispanic students (000s)	Schools with 0-499 minority students	Schools with 50-89% minority students	Schools with 90-100% minority students			
United States:		•		,			
1970	1,563,647	34.6	35.2	30.2			
1972	1,671,011	34/1	. 35.7 •	30.3			
1974	1,747,658	32.2	36.6	31.1			
1976	1,903,811	28.7	38.6	32.6			
Northeast:		* ,		•			
1970 ·	376,287•	15.2	34.0	. 50.8			
1972	400,681	16.4	32.3	51.2			
1974	383,957	15.3	29.8	· 54.9			
1976	. 440,941	14.4	31.7	5 <b>3.9</b>			
Border States and D.C.		,	•				
1970	9,072	. 89.2	. 7.6	3.2			
* 1972	11,029	85.7	10.8	3.5			
1974	13,693	78.1	16.8	5.1			
1976	15,326	75.8	18.4	5.9			
South:			•	•			
1970	469,326	27.7	35.5	36.7			
1972	. 514,144	28.4	35.6	36.0			
1974	560,209	28.5	37.1	` 34,4			
1976	598,382		38.0	35.5			
Midwest:		•					
1970	103,901	48.1	40.8	: 11.2 .			
1972	114,166	47.6	37.8	14.6 س			
1974	122,808	44.3	· 35.2	20.5			
1976	129,000	39.6	36.7	23.7			
Vest:	-	\					
1970	605,061	48.9	35. <b>1</b> '	16.0			
1972	630,991	46.6	. 37.9	15.5			
1974	666,991	• 42.0	40.8	17.2			
1976	720,162	36.4	44.8	19.4			

For purposes of comparison, analysis was restricted to the 1,910 school districts which were included in all four surveys.

The selected districts include approximately 67 percent of all Hispanic students enrolled in public schools in the United States in 1976

(Condition, Table 2.05)

States in 1976.

2 Minority students include all students other than white, non-Hispanic.

NOTE.-Details may not add to totals because of rounding.

SOURCE: U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Distribution of Students by Racial/ Ethnio Composition of Schools 1970-1976, August 1978.

Hispanic students are far less likely to complete high school or graduate with their age group than are majority or even most minority students. Attrition rates, which tend to understate the extent of dropout, show that 1978 high school completion rates for Mexican Americans who were 25 years or older were 34.3% in comparison with 67.1% for non-Hispanics over 25. The Hispanic students who did remain in school fell behind their classmates until 24% of the 14-20 year olds were enrolled two grades behind their classmates; only 9% of white students were 2 years behind their age cohorts. 3

Moreover, bilingual education programs remain inadequate in most states, both in the diagnosis of linguistic competence and in the provision of bilingual curricula and personnel. Tests and other instruments have not been developed to measure the cognitive abilities and English speaking abilities of linguistic minority children. However, even when Hispanic children are diagnosed as limited-English or non-English proficient, fewer than half are enrolled in bilingual programs. Further, few classrooms have Hispanic teachers; in 1976, less than 3% of all public school employees were Hispanic, with nearly as many Hispanic service workers (custodians) as Hispanic teachers. Until the number of Hispanic educators is increased, bilingual programs and school systems will continue to be unresponsive to bilingual children's needs.

The failures of school systems to meet the needs of Hispanic communities are mirrored in postsecondary institutions, where issues of limited acces, discriminatory employment practices, and

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high attrition disproportionately affect Hispanic students. Although there is a public perception that Hispanic enrollments have greatly increased in recent years, the reality is very different, for Hispanic students have neither attained access into a proad range of institutions nor dramatically increased their numbers throughout the system. For example, from 1970 to 1978, Hispanic full time students increased only from 2.1% of the total to 3.5% (Table 2). Trom 1976 to 1978, this meant an increase of a mere 5,000 students. California, which accounts for nearly one-third of all Hispanic enrollments, actually experienced a decline of more than 6,000 Hispanic fulltime enrollments in the two year college sector. Therefore, it is clear that Hispanic enrollments have not shown the growth one would have expected from affirmative action programs, governmental efforts, or institutional efforts to increase minority student enrollments.

## [Insert Table 2]

While these numbers show that the penetration into postsecondary institutions has not been deep, distribution data show that the access also has not been widespread. Hispanics are concentrated at the less prestigious and less well funded institutions, and, indeed, in very few institutions. In 1978, only 23% of white full time students attended two year colleges, while 42% of Hispanic students attended these institutions. This maldistribution of Hispanics within the system indicates that a large cadre of Hispanic students seeking a full time, traditional learning experience are doing so in institutions established for

### TABLE 2

-Hispanics as a percent of all full-time students in institutions of higher education, by level of study: - Fall 1970-1978

Fall of year	Undergraduate <sup>1</sup>		Graduate and first-professional		
	Number .	Percent of all students	Number	Percent of all students	
1970 <sup>2</sup>	98,453 131,084, 157,572 191,065 196,451	2.1 2.4 2.8 3.3 3.5	5,680 8,661 9,916 12,149 13,170	1.2 1.5 1.5 2.0 2.2	

Does not include institutions of higher education in Puerto Rico and outlying

territories, or U.S. service schools.

2"Spanish-surname-American" was the ethnicity designation on the form in these years. Also graduate and first-professional students were combined.

SOURCE: U.S. Department of Health, Education, and Welfare, Office for Civil Rights, Racial and Ethnic Enrollment Data from Institutions of Higher Education, for 1970 data: Fall 1972; for 1972 data: Fall 1978, and for 1974 through 1978 data: Fall 1978.

(Condition, Table 3.09)

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commuter, part time students. Two year institutions have increased Hispanic access, but have inherent problems in transfer, part time faculty, residential programs, and funding patterns. Morover, Hispanic students do not even have full access into open door institutions, as a mere 21 colleges on the mainland enroll 24% of all mainland Hispanic students; when the 34 Puerto Rican institutions are included, these 55 colleges enroll 43% of all U.S. Hispanic students. Additionally, unlike other minority students who benefit from historically black or tribal colleges, Hispanic students do not have access to a network of historically Hispanic colleges. Therefore, Hispanic students are extraordinarily concentrated in fewer than 2% of the more than 3100 collegiate institutions in the country, and in institutions that do not have historical missions to serve Hispanic students.

To say that the leadership of these schools is non-Hispanic is to understate the case. In Summer, 1981, there are 5 Hispanic four-year presidents, and 16 Hispanic two-year presidents on the mainland. A survey of two year college trustees noted that only .6% were Hispanic, while a study of postsecondary coordinating boards found 1.1% of the commissioners to be Hispanic. 13 At another level of leadership, little evidence suggests that significant leadership will be drawn from faculty ranks, as only 1.4% of all faculty (and 1.1% of all tenured professors) are Hispanic, 14 including faculty in Spanish and bilingual education departments. With many Hispanics employed in special assistant or affirmative action/equal employment staff mapacities, even fewer

hold substantial policymaking positions. Confronted with these data, one is forced to concede that Hispanics have not penetrated institutions in any significant fashion.

#### RESEARCH ON HISPANIC STUDENTS

conclude that little is known of Hispanic students. As a result, program evaluations measure Hispanic children by instruments and methodologies evolved from studies of majority students; more often than not, studies find the predictable evidence of educational programs not accomplishing the goals of improving Hispanic student performance. <sup>15</sup> In questioning the value of research on Mexican American children, Carter and Segura have noted:

Little had been written about the interaction of cause and effect among the three important variables — the school, the social system, and the Mexican American subcultural group. The available literature, however, clearly demonstrated that Mexican Americans often do poorly in school, drop out early, speak Spanish, and are poor. These four factors are usually seen as causal and circular: Chicanos do poorly in school because they are poor, speak Spanish, and are culturally Mexican; or Mexican Americans are poor, speak Spanish, and carry a traditional folk culture because they do poorly in school. Mosteresearch slighted the socioeconomic influence; the nature and outcomes of school programs, policies, and practices; and the more recent considerations of school social climate. There was little analysis of school intervention in the apparently self-perpetuating cycle of poverty-school failure-poverty. 16

Although their criticisms were addressed to research on Chicamos in the Southwestern U.S., they might well have noted that research similarly has ignored or blamed Puerto Ricans and other Latinos for their condition of education.



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The research on elementary and secondary Hispanic students has been summarized by several commentators, and does not merit detailed repetition. One review has summarized the major emphases of literature on Hispanic education:

- 1. Studies measuring achievement and years of schooling, which varied greatly in degree of sophistication;
- 2. Studies relating socioeconomic factors, and occasionally cultural values and orientations, to achievement and years of schooling;
- Studies explaining these conditions;
- 4. Papers advocating special programs, which were sometimes polemical; and
- 5. Curricular materials. 18

The bulk of this literature falls into two conceptual categories: studies that blame Hispanics for their own school failure, or studies that articulate a deficiency model of minority education, a model of remediation or compensation. In the first view, minority communities are themselves to blame for not encouraging their children to do better in school and for not providing a more learner-centered home environment; in the second; a corollary view is offered to explain why these children do not act like children from the middle-class, and therefore require remedial efforts to overcome their cultural deprivation,

This record of poor evidence on Hispanic elementary and secondary student characteristics has severely limited research upon Hispanic college populations. Primarily, the K-12 attrition rates and disproportionate attendance by Hispanic students in commuter and two year institutions create major problems for population validity and college entrance measures, which most frequently have been normed upon Anglo or black cohorts. Breland, for instance, has noted, "Although a few studies have been made of Hispanic groups, these are not sufficient to allow for any sound generalizations. Hispanics are often grouped with blacks to construct a minority population. Given the possibility of important linguistic influences, it seems essential that more studies be made -- both in prediction and in internal analysis -- for groups having had substantially different linguistic and cultural experiences."

Our understanding of Hispanic college students is not significantly increased by available student literature. A major summary of research on college students published in 1973 reported no studies on Hispanic students, 20 and there is as yet no book on Hispanic college students. 21 However, one unpublished study of Chicano students in the University of California and California State University systems does suggest a methodologically and conceptually appropriate approach to understanding Hispanic undergraduates, that of analyzing the stress encountered. The research, reported in A Study of the Chicano Experience in Higher Education, employed three instruments, two of which were designed

specifically to test the minority experience in majority institutions. The first was a structured interview format, adapted from a study of black students in white colleges; the second was a general demographic questionnaire designed to test language and family characteristics. Finally, a standarized test to measure stress (College Environmental Stress Index [CESI]) was administered:

- 1. Chicanos and Chicanas reported greater stress levels than did their Anglo counterparts;
- 2. Anglo men and Anglo women were very similar regarding the intensity of stress they perceived;
- Chicanos and Chicanas reported vast differences regarding
  the intensity of stress experienced, with Chicanas scoring
  higher at every level;
- 4. There were significant differences between Anglo women and Chicanas, which suggests that socioeconomic and cultural differences were more influential than the gender identity of these women;
- 5. Chicanas reported greater stress scores than did Chicano men, Anglo men, and Anglo women. In spite of their higher stress scores, however, Chicanas did not appear to have a higher attrition rate than Chicanos. Furthermore, Chicanas performed academically at a higher level than did Chicanos. Primary support systems for Chicanas seemed to be Chicano campus organizations and Chicana discussion groups. Chicanas and Chicanos were significantly more similar than any other groups in ranking events from the most-to least-stressful. Hence, although Chicanos and Chicanas may differ considerably with respect to the intensity of stress perceived, they were extremely similar in their perceptions regarding the most-to least-stressful events.23

While these findings do not surprise Hispanic educators, they reveal a marginalization of the students within a system that only reluctantly accommodates them, and suggest the extent to which K-12 systems alienate Hispanic students, even the elite who graduate from high school and attend college. It appears clear that much work is needed on Hispanic student characteristics and



longitudinal and large scale sample projects is indicative of the nescience of scholars and consequent lack of research paradigms in this important area.

#### RESEARCH ON FINANCE

One area where there has been significant research attention to Hispanic education, indirectly if not directly, has been in school finance research. As evidenced by the school finance litigation brought by Chicano litigants in Serrano and Rodriguez, school finance equity considerations remain important to Hispanic educators and communities. The passage of Proposition 13 in California, however, has called into question the appropriateness of Senate Bill 90, the post-Serrano school finance mechanism, as have the more recent developments in the Los Angeles desegregation case. 26

Coons, Clune, and Sugarman's 1970 book, Private Wealth and Public Education, concluded that most minority children live in the wealthiest school districts, if measured by rankings of total assessed value. This anomaly was due to overcrowding and high industrial property bases in these districts. However, reanalysis of total assessed value data for assessed value per pupilomeasures shows opposite results. In such a situation, it is necessary to establish ground rules in equity issues, for the parasing of fiscal inequities is extremely important; major efforts are required to review school finance decisions, summarize the equity implications, survey the technical considerations, and propose models of equitable school finance.

Another necessary K-12 finance initiative is bilingual education cost index construction: major data required include analyses of categorical programs such as bilingual education, as well as more careful analyses of implementation of Lau mandates. In California, for instance, bilingual programs include formulae-based expenditures from the Educationally Disadvantaged Youth Program, Bilingual—Bicultural Programs (under A.B. 1329), Economic Impact Aid Program, and six additional state and federal programs. With proposed federal regulations for bilingual education meeting enormous resistance, it is urgent that realistic cost projections, personnel requirements, and assessment tools be developed. Any federal initiatives to merge categorical programs into block grants will require better data on alleged cost savings and reduced overhead than those that exist at present.

There are four debates in higher education finance that have major equity implications for Hispanics in higher education: two year colleges, financial aid packaging, financing graduate studies, and returns on schooling. While each of these is of obvious concern to majority students, the demographic condition and underrepresentation of Hispanics in higher education make these issues crucial for Hispanics. Although major technical and conceptual problems remain in analyzing these areas, more researchers have been investigating the problems, leading to greater clarity in these equity issues.

The importance of the question, "Do community colleges get their fair share of funds?" is crucial to Hispanic students, for they are disproportionately enrolled in the two year sector: in

1976, whereas 27% of white full time undergraduates were enrolled in two year colleges, 45% of Hispanics were enrolled in this sector. By 1978, the percentages were 23% and 42%, respectively, owing to a significant decline in Hispanic enrollment in the California community college system, probably due to the impact of Proposition 13. Once again, the demographics of Hispanic enrollments make the study crucial for an understanding of the underlying equity issues: if the distribution of Hispanic students throughout the postsecondary system is skewed into one sector, and that sector receives less than its "fair share" relative to the four year sector, then there are serious questions of access and equity.

Two year college financing issues include two major dimensions: whether two year institutions receive less money per student (or per student measure, as a Full Time Equivalent formula [FTE]), and whether students in two year colleges receive less financial assistance than do their four year counterparts. There are serious data deficiencies and major conceptual disagreements in both these questions, and much work needs to be done in these areas.

Researcher's employing different data sets or methodologies' reach different conclusions in redistribution debates. The same is true in subsidy debates. Nelson and Breneman have summarized the results of these debates, and categorized three intersectoral models: institutional spending per student, rates of state subsidies per sector, and comparisons of resources actually spent on two year student's education relative to those spent on a four year college student. In reviewing the conflicting results, the authors are

persuaded that "community college students have approximately the same volume of resources spent on them and receive about as much subsidy as their counterparts at senior public institutions.", 31 They were particularly impressed by the arguments advanced by James, who reanalyzed 1966-67 data from a 1971 Carnegie Commission study—data that had shown only slight intersectoral disparities in favor of senior colleges. James measured subsidies (instructional costs minus tuition) and found evidence that two year college students "cost more and pay less" than do senior college students. Hyde and Augenblick have concluded the opposite. 32

The short summary here of this complex debate obviously does insufficient justice to the tapic. However, despite Nelson and Breneman's assertions that "the absence of serious expenditure differentials at least moves the burden of proof onto critics of the current funding patterns," 33 it is unclear whether the studies or the reanalyses of data warrant such an assertion. Several major issues have not been resolved; primarily, the major studies have employed data that are not current. Indeed, the major data sets analyzed by Nelson and Breneman date back to 1964 and 1966-67. Since that time, the number of community colleges has increased considerably; the period between 1966 and 1974 saw more than one new public two year college open each week, more than doubling the existing number of institutions—from 408 to 901. Even though the number of private two year colleges declined, the total number of community colleges grew from 685 in 1966 to 1151 in 1975. 34

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penditures. Two concerns should be paramount. First, capital expenditures are frequently administered by separate state agencies and bond authorities, so the construction costs and bond repayment expenses vary even within state systems. Second, public two year colleges rarely have dormitory facilities, in itself a measure of "opportunity," a major consideration in any discussion of intersectoral equity. 35

FTE data are not an accurate measure for intersectoral comparisons, for the two year college sector enrolls proportionately more part-time students than do senior colleges. For example of the 60 largest campuses in the country, only I two years college (Miami-Dade) enrolls more full time than part-time students; conversely, only six senior colleges enroll more part-time than full-time students.36 This difference, reflecting both lack of residential facilities and institutional mission, means that an FTE measure in a two year college is likely to be 3 or 4 students taking 1 course eagh (to equal 12); the FTE measure in a senior college is likely to be one student taking 12 hours. The economies of scale become clear when the administrative costs (bursar, admission, financial aid, registrar, etc.) are calculated to account for the increased number of registrants. Institutions are extraordinarily complex, with certain programs supporting other less-popular or more expensive This cross-subsidizing makes intersectoral comparisons difficult, particularly if technical or professional curricula are measured.

The debate on intersectoral subsidies has a counterpart in financial aid awards--do two year colleges receive their "fair Share" of student financial assistance? A study by Lawrence Gladieux in 1975 answered "no" concerning campus-based programs (Supplemental Educational Opportunity Grants [SEOG's], National Direct Student Loans [NDSL's], and, to a lesser extent, the College. Work Study Program [CWSP]). 37 He attributed this "Thderutilization" to a number of causes, but found few systemic reasons for the pattern. He labelled the phenomenon an "enigma," and suggested that the community colleges themselves were not as entrepreneurial as senior colleges and that they were penalizing themselves by not placing more attention on the financial aid function. Nelson, however, with more recent data (1976), found less underutilization in the campus-based programs, and found a "fair share" in Basic Educational Opportunity Grants [BEOG's]. 38 Further, she was critical of the "half-cost limitation," differential treatment of veterans benefits, and the data from which she drew her conclusions. More attention by researchers to these intersectoral financial aid patterns would inform the larger debates over distribution in the system and the effects of disproportionate Hispanic enrollments in the two year sector.

Although both Gladieux and Nelson found a measure of underutilization in campus-based loan programs for two year colleges, disaggregated packaging data for Hispanic freshman show a different story. In an analysis of 1972-73 financial aid awards, Wagner and Rice found Hispanic students' packages to have a 10% higher. proportion of loans—the only portion of packages which have to be repaid. 39 No study has reanalyzed the 1972 data, for the data problems are particularly severe in this type of study, as are conceptual issues of "need" and appropriateness of packaging configurations. While there is no generally—accepted "norm" for packaging financial assistance, Hispanics should have no more reimbursable aid in their packages than do majority students.

One possible reason for this finding may be the difficulty Hispanic families (and most low-income families) encounter in applying for assistance and in negotiating complex financial aid. The financial aid deadlines, for example, fall well before income tax returns are due, so poor families—who may or may not file federal income tax forms—frequently miss deadlines for all non-reimbursable programs. Loans, however, can frequently be secured late in the admissions process, although this may change as the Middle Income Student Assistance Act raises the eligibility for student aid. Under this scenario, any first—come, first—served phenomenon would limit even the loan access for late filers.

Moreover, poor families have to negotiate even more basic hurdles, such as whether financial aid will negatively affect public assistance eligibility (it does, particularly for commuter students).

These considerations, as well as the greater price elasticities of disadvantaged populations, should pose considerable questions for proponents of higher tuition/increased aid strategies. Even acknowledging the information barriers all applicants (but particularly disadvantaged applicants) encounter, Nelson and Breneman

advocate this course: "Indeed, our analysis suggests that a higher tuition/higher aid strategy, the pricing policy traditionally supported by economists on efficiency grounds, is also the more equitable." Information theorists dispute this claim, <sup>42</sup> as would those persons who saw \$50 recissions across the board in BEOG payments for 1979-80. Congress disregarded the legislative reduction formula required by Title IV, initiating what is certain to be a series of tradeoffs that disproportionately affect low income students. <sup>43</sup>

A third consideration of Hispanic finance would be the manner in which Hispanic graduate students finance their studies. Data from the National Research Council show considerably different methods of financing this burden for white and Hispanic students: 44

(Insert Table 3)

The most evident disparity is the more obvious availability of teaching and research assistanships to white doctoral students. These patterns hold importance not only because of the basic issue of sustenance and living expenses, but for informal and formal professional reasons. Assistantships are mainstream apprenticeship activities, involving graduate students in major teaching or research responsibilities with faculty mentors and departments.

Other data corroborate the need for further research into
Hispanic graduate education financing. NRC data for 1978 show that

TABLE 3

<del></del>		·		
•	Hispanic	White	Hispanic	White
Graduate Support	US Citizen	US Citizen	US Citizen	US Citizen
	; , <u>19</u>	978	19	979
	,	<del>.</del>		• • • • • • • • • • • • • • • • • • • •
Féderal fellow/trainee ·	22.3	22.4	.23:1~	21.8
Gr bill	10.9	10.2	8.3	9.9
Other fellowship	22.1	20.0	20.1	' 19.8
Teaching assistantship.	31.9	46.4	<b>¾</b> 36.2 °	47.2
Research assistantship	19.1	33.7	20.7	34.4
Educ./Inst. funds	13.9	9.6	13.8	10.2
Qwn/spouse earnings	6 <b>3</b> °. 4	67.4	' 64.4 °	69.5
Family contributions &	10.9-	14.2	10.3	14.4
National Direct Student Loan	10.7	8.7 <sup>'</sup>	12.2	9.6
Other loans	13.1	9.7	12.2 ~	10.0
Other '	8.6	6.0	• 5.5	- 4.2
Unknown .	2.4	1.4	2.8	1.0

Note: Totals do not add to 100% because students can report more than one source of support.

Hispanic doctoral students took an average of 10.2 years after the BA to complete the doctorate, with a total registered time of 6.3 years; for whites, it was 8.9 and 6.2 years. For Hispanics in 1979, the total time was 10.0 years, with total registered time of 6.5 years; for whites it was 9.1 and 6.2 years. Thus, while the time in graduate school was similar, Hispanics took approximately one year longer, suggesting a longer time in the workforce or a stopping-out pattern different than that of whites.

Fellowship provisions are key, and largely unexplored. There is anecdotal evidence, for instance, that Title VII fellows become marginalized in elite universities, and have difficulty securing intramural funding when the fellowships expire--usually during the A.B.D. stage. The Ford Foundation doctoral fellowships have been consolidated into a postdoctoral program, while the Graduate and Professional Opportunities Program (Title IX) fellowships to Hispanics appreciably declined from 1978 to 1979. There has not been any major change in Hispanic graduate enrollments or degrees since 1976, when the National Board on Graduate Education noted, "Mexican and Puerto Rican Americans appear to have the lowest [graduate] participation rates relative to other ethnic and minority groups." 48

A fourth area, returns on education to Hispanics, suggests itself as a response to economists who argue that external benefits are an important consideration, rather than the less-empirical "assumed social good" rationale advanced by many. Data in this area are particularly problematic, as refugee and immigration patterns, heterogeneity of the Hispanic workforce, and historical



exclusion from postsecondary education make research into educationreturns difficult and cloud the equity issues. Therefore, studies
have found unaccounted-for discrimination in pay differentials for
Chicano workers, as well as higher returns on college investment
to Chicano males than to Anglo males, even with lower absolute
income for Chicanos. Although it is important that economists
sharpen these arguments, it is not clear Hispanic communities attempt
to maximize their earning potential by attending college. Educational aspirations are a tangle of motivations, not all of them
economic. Nonetheless, many Hispanic educators will need to address
"returns on education" as a concern in increasing Hispanic participation in higher education.

#### GOVERNANCE RESEARCH

It is governance, particularly in the forms of school boards or boards of trusters, that constitutes "the system" of education. in the United States. State and local boards determine educational policy for school systems, while state coordinating or governing bodies and trustees boards determine higher education policy. Neither sector has been particularly responsive to concerns of Hispanic parents or students, and the theoretical model of internal colonialism is premised largely upon such a system of unresponsiveness. While it is difficult to disentangle the electoral and political components of such a situation from the precise research questions posed by the condition, it is important to note that the history of Hispanic education has been one of struggle against

insensitive government agencies and school boards, those organizations responsible for governing education systems. Whether this struggle has manifested itself in the form of litigation, political action (such as the takeover of the school board in Crystal City, Texas), or in legislation, <sup>51</sup> the focus has been upon sensitizing larger governance structures.

As at institutional levels, Hispanics have not historically had access to these structures: few minorities are appointed or elected to school boards or to trustee boards. These boards and commissions are not "representative," however the norm may be defined. A 1978 study, for example, found only 1.1% (5 of 463) of 1202 commission members to be Hispanic, 52 although the legislation requires the commissions to be "broadly and equitably representative of the general public...." 53 Commission and board appointments constitute a major representative device in a democracy, and are a significant policy arena, particularly as federal education policy shifts to a decentralized block grant approach and as large amounts of federal financial aid are coordinated through states.

while a sense of history should inform all educational governance research, in minority education, most of the historical context has been a belated acknowledgement of racism and slavery's effect upon the schooling of black children. Following the Adams v. Califano litigation, 54 statewide boards have been involved in "desegregation" of public higher education. Because society tends to perceive desegregation solely in terms of black access into

white institutions, the fate of public historically black colleges is uncertain. White and black colleges have been merged, in order that the hybrid have no racial identity. While the lack of historically Hispanic colleges means that Hispanic students have little to fear from Adams litigation, there is the danger of Hispanic student equity issues being ignored in Adams states with large Black and Hispanic populations. This occurred in Texas, for instance, where the first Office for Civil Rights (OCR) study mandated by Adams did not examine Chicano access, but instead concentrated upon the state's two black colleges. No analysis of Chicano enrollment patterns, disproportionate community college attendance, or lack of Chicano faculty and staff was performed—although at the time, no Texas senior college had ever had a Chicano president.

Little scholarship has inquired into the effects of racist immigration statutes upon Asians, systematic discrimination that continues against Indian people, or exclusionary schooling policies against Hispanic children. The indicia of these practices are evident in minority education achievement today, yet major historical analyses of minority schooling are rare. Nonetheless, legal decisions and administrative actions frequently turn upon the litigants' analyses of history, whether in quantifying school attendance zones, 77 measuring Hispanic children's historical access into bilingual education programs, 8 or even in arguing (in 1972) that Mexican Americans are "an identifiable, ethnicminority class" to be included in desegregation plans, 59

These examples present persuasive evidence that Hispanicshave not controlled political or organizational structures of education, but have been held in subordinate status by school systems and postsecondary institutions. The penetration of a few Hispanic parents or educators has not led to increased quality of education for Hispanic students, and in several key indices, Hispanic educational conditions appear to have worsened. Moreover, the ascendancy of an Hispanic elite has been accomplished at great cost to these individuals, who frequently are ghettoized by majority policymakers and perceived pejoratively as compromisers by Hispanic communities. This condition even persists in situations where Hispanics are the majority, as in northern New Mexico, where the first Chicano college president was not appointed until the 1970's, and in East Los Angeles, where California State University at Los Angeles has never had a Chicano president. Although additional evidence of such structural discrimination is readily apparent a theoretical explanation is essential for understanding how this condition could persist even when major federal resources have been bought to bear , upon school systems enrolling disadvantaged children. these resources have scarcely altered the patterns of governance, and a retreating federal commitment to education and equity seems likely.

## HISPANIC EDUCATION AND INTERNAL COLONIALISM

In analyzing "academic colonialism," Arce has noted, "the most prominent feature of the Chicano experience with higher education is its peripheralness relative to the overall academic enterprise." 60°



Arce has developed a taxonomy of Chicano-Academe Contact Patterns within his framework of academic colonialism, modeled upon Orlando. Fals Borda's "colonialismo intelectual," a theory of marginalization in South America. In Arce's view, academic colonialism is

the selective imposition of intellectual premises, concepts, methods, institutions, and related organizations on a subordinate group and/or the unselective and uncritical adoption and imitation of the intellectual premises, concepts, methods, institutions, and organizations of other groups by selected members of a subordinate group, with the selection processes not being in the control of the subordinate group. Inherent in this definition is the monopolizing of the resources for academic enterprise (college and universities, foundation and government funding agency review boards, journals and other publishing outlets, etc.) by the dominant group and the provision of only limited and controlled access to these resources to the subordinate minority. 62

Within this scheme, there are six patterns that evolve from the subordinate Chicano role in higher education: structural accommodation, and realignment, conscious assimilation, nationalist exhortative, affirmative action, independent transformational, and interdependent analytical patterns. These patterns fall along axes of ideology and degree of infiltration within institutions:

## Chicano-Academe Contact Patterns

IDEOLOGY

INSTITUTIONAL RELATIONSHIP

Separated

Integrated

Marginal
Co-optine

Accommodation/realignment
Nationalist exhortative

Conscious assimilation
Affirmative action

Progressive

Independent transformational

Interdependent analytical



An the structural accomodation/realignment and conscious assimilation patterns, Hispanic students are docile and peripheral to the institution. In the first typology, these students do not become involved in mainstream or ethnic activities on campus. They become marginalized and will likely have high attrition rates; if they do succeed in graduating, they will in all likelihood be average or below-average students in less-demanding major fields of study. In the conscious assimilation pattern, Hispanic students are more likely to become involved in college activities, but to shun ethnic identification or involvement. This anglicization is a strong influence from the College setting, and students who feel no sense of Hispanic community or whose families were not politicized are likely to be found in this category.

In the cooptive ideological categories, two major conservative practices prevail. Within the nationalist exhortative pattern, the singling out of outstanding Hispanics to serve as role models is combined with a tendency towards a romantized reconstruction of history. The affirmative action pattern is a more formal cooptation of Hispanic concerns manifested by specialized minority hiring to fill minority slots, thereby relieving the institutions of the need to integrate throughout its ranks. These responses to internal colonization are understandable, for curriculum and instruction are sorely in need of Hispanic perspectives and revision, while existing job discrimination has precluded many Hispanics from any substantial employment in education. The danger, though, is clear when Cinco de Mayo festivities substitute for more extensive

curriculum revision and when hiring is limited to affirmative action, bilingual education, or token positions. 64

The final two patterns exist primarily in theory, for they require an extraordinary combination of people, resources, and timing to exist and mature. As this model suggests, the system of structural discrimination present in American education makes progressive educational movements for minorities almost impossible to develop or prosper. The independent transformational pattern is possible only in an historically-Hispanic institution, only 3 of which exist in the mainland U.S., 65 or in community-based organizations and alternative schools. Such alternatives to mainstream institutions and school systems probably have their best analog in tribally-controlled community colleges (who receive government funds) or in quasi-academic units such as research or ' training divisions in Hispanic community-based organizations. second approach is the interdependent analytical pattern, one that links Hispanic academics across institutional or disciplinary lines. Examples include the Chicano Research Network (University of Michigan), the special Interest Group on Hispanic Research of the American Educational Research Association, or similar collaborative intellectual exchange mechanisms. The focus is one of intellectual selfdevelopment and solidarity with other Hispanic academics, and may revolve around visiting term appointments, professional meetings, or other informal means.

As is evident in these patterns, marginalization is a major danger in Hispanic participation in education, most notably in



attrition and underparticipation data. Those who do penetrate the system do so in a peripheral, non-threatening fashion, while more radical participation is extremely rare and unlikely to generate its own resources or continuation. Observers of Hispanic education will recognize these patterns as rough approximations, but as strikingly accurate portrayals of the condition.

Arce's model of academic colonialism should attract more attention, particularly by constructing careful tests of his typology in different institutions and settings, and with different Latino groups.

Arce's work complements the larger labor market segmentation work of Mario Barrera, in his book, Race and Class in the Southwest: A Theory of Racial Inequality. 66 In particular, Barrera's explication of an internal colonial model extends the Arce thesis. Because the model has been most frequently employed to understand labor discrimination, academic job discrimination against Hispanic educators is plausibly explained. Barrera uses University of California hiring practices as evidence of structural discrimination, concludes that in most organizations, structural discrimination against Chicanos consists of labor repression, wage differentials, occupational stratification, reserve labor pools, and peripheral buffer role policies.67 and Campos have analyzed similar colonial exploitation of Puerto Ricans, noting that "the root problems of educational inequity for Puerto Ricans remain unresolved and largely unaddressed."68 These economic analyses suggest the circularity of defining Hispanic educational inequality: Hispanics are

undereducated because they have been historically exploited and their poverty precludes them from further education. Whale this circle could conceivably define many discrete American groups, no group save Native Americans can claim such a long and misunderstood history of exclusion and underparticipation. However defined or measured, Hispanics do not participate in education proportionate either to their percentage of the US population or to their proportion of the school aged population. While the foregoing defines the condition and theories of Hispanic underparticipation, both the measurement and understanding of root causes are crude and preliminary. The final portion of this paper will suggest a possible research agenda for research into the condition of Hispanic education, focusing upon structural, demographic, and historical means of inquiry.

#### SUMMARY AND RESEARCH RECOMMENDATIONS

We have only rudimentary knowledge about Hispanics in education or about the socioeconomic and political forces that characterize the internal colonial status of Hispanics in society. As Barrera has conceded, "for the forseeable future, the politics of the Chicano community can be expected to revolve around both class and colonial divisions in a complex manner whose outlines we can only dimly perceive in the current period of confusion and redefinition." He might have also added Puerto Ricans and other Latinos, for population statistics aggregate Spanish origin data, and even Cubans, perceived to be the least-disadvantaged Hispanic group, find themselves victims of anti-Spanish language and anti-refugee

hysteria. While this hysteria and anti-immigration attitudes are the most extreme forms of negative behavior towards Hispanics, institutionalized behavior systematically excluding Hispanic participation is a far more serious and systemic barrier.

A research agenda for examining institutionalized behavior requires two major foci: Examination of structural phenomena and analysis of individuals within institutions. As the earlier sections detail, even when data are inadequate and methodologies frequently inappropriate, the condition of education for Hispanics is poor, relative to Anglo or other minority populations. condition, manifested in several important, though indirect, indices, suggests inquiry into organizational features. For instance, measuring Hispanic participation in school, despite its seeming simplicity, has not been done well; schools are understandably reluctant to report accurately their attrition rates, particularly when funding formulae are based upon attendance . figures. Despite achool finance litigation, complex appropriations and fiscal procedures often render school expenditure data incom-Sheer measurement difficulties, therefore, have provided researchers and policymakers with an incomplete picture of important The debate concerning community college financing school features. is a postsecondary example of structural debate: how can intersectoral equity arguments be mounted when there is no agreement upon what an FTE expenditure represents in a two year or senior college?

At the individual level, we know precious little about Hispanic students, in large part because survey methodologies have been



inadequate to measure Hispanic community characteristics. For instance, the National Assessment of Educational Progress 70 has severe regional restrictions, while the Survey of Income and Education has the flaws of minority census data and poorly-designed questions of language usage. The Even the greatly-improved minority data from the High School and Beyond data have been badly analyzed; a recent HSB study on minority students in private and catholic secondary schools noted, "no distinction is possible in the present research between Cuban, Puerto Ricans, and Mexican Hispanics" 72 when the data were able to be disaggregated. Indeed, the data indicated that 30% of Hispanic private school students were Cuban, a fact that would severely limit the public policy implications for Mexican and Puerto Rican children.

- 1. It is axiomatic that researchers on Hispanic topics should carefully limit their conclusions to those allowed by data. The condition of Hispanic data, of course, needs to be vastly improved, as do theoretical constructs for explaining the data. Priority must be accorded to Hispanic demography and statistical data improvement. This need will become even more urgent as federal data gathering requirements are diminished or curtailed.
- 2. Educational researchers frequently ignore or distort history in explaining the condition of Hispanic education. The colonial status of Puerto Rico, exemplified in classic capitalistic fashion by the U.S. government and corporations in the 1900 Foraker Act, Operation Bootstrap, and other exploitative schemes, partially explains the persistent underrepresentation of Puerto Ricans; the

Treaty of Guadalupe Hidalgo and the Bracero Program were quintessential acts of imperialism and official labor market exploitation, whose effects are in evidence today. However, in apparent seriousness, Nathan Glazer can believe otherwise: "We did not conquer most of the Mexican Americans. They came as immigrants, and why they should be 'protected' more than other minorities is an interesting question."

This ahistorical attitude toward Hispanic history is a fundamental threshold barrier to understanding and improving education for Hispanic students. While Barrera's work and that of radical historians is exceptional, far too little is known about the history of Southwestern schooling, about Puerto Rican education on the island or in the mainland, or about the history of Hispanic education. Any such history agenda should include analyses of governance structures, education legislation, litigation, and immigration practices. 74

3. Several directions for economic research have been detailed earlier, particularly returns-on-education, postsecondary intersectoral equity, school finance, and financial aid analysis. While each of these areas is compelling, priority should be assigned to K-12 school finance and postsecondary intersectoral inequities, for two reasons. First, both issues underpin funding formulae for financing K-12 and higher education; improvement of such formulae to incorporate categorical or general support features will be of immediate practical value to states. Second, litigation



on these matters requires improvement of technical and conceptual arguments.

- 4. Research on Hispanic students remains primitive, whether the emphasis is upon measuring linguistic competence or upon other characteristics. Existing large scale samples have severe flaws, while smaller studies frequently fail to take into account regional or idiosyncratic features that would render a sample of Northern New Mexico Hispanos different from a sample of border town Texans or urban Puerto Ricans. Student literature is a large gap in our understanding of the Hispanic condition of education, and this persists despite the extraordinary amount of research on students generally.
- 5. In addition to structural analyses and research on individuals, there is need for more theoretical work in understanding internal colonialism and its manifestation in education. Arce's and Barrera's models, adapting South American and Marxist theories, have strong explanatory power. However, they will require better data and historical evidence to make better sense of centuries of oppression. This research agenda is proposed as a discussion point for such work.

## **FOOTNOTES**

- 1. Arias, 1980
- 2. Condition, Table 1.09.
- 3. Condition, Table 2.23; Glasser, 1969; Aspira, 1976.
- 4. Locks et al., 1978.
- 5. Condition, Table 1.09.
- 6. Condition, Table 2.37/
- 7. See, for example, SREB, 1981.
- 8. Condition, p. 118.
- 9. Condition, Table 3.13.
- 10. Olivas, 1979.
- 11. Condition, Table 3.13
- 12. Olivas, 1981 (b); Condition, pp. 118-119.
- 13. Drake, 1977; Salazar and Martorana, 1978.
- 14. Condition, Table 3.42
- 15. AIR, 1977.
- 16. Carter and Segura, 1979, p. 7.
- 17. Hernandez, 1973; Carter, 1970; Carter and Segura, 1979; Ogbu, 1978.
- 18. Carter and Segura, 1979, p. 7.
- 19. Breland, 1979, p. 49; Warren, 1976.
- 20. Feldman and Newcomb, 1973.
- 21. Books on the topic of Hispanics in higher education include Madrid-Barela et al., 1976; Condition, 1981; Olivas, 1979.
- 22. Muñoz and Garcia-Bahne, 1977.

- 23. Munoz and Garcia-Bahne, 1977, pp. 9-18, 131-32.
- 24. For a different perspective, see Arce, 1978, p. 83.
- 25. Serrano v. Priest, 487 P 2d 1241 (1971); San António Independent School District v. Rodriguez, 411 U.S. 1 (1973).
- 26. Estrada, 1979; B. Levin et al., 1972; Catterall and Thresher, 1979; Katz and Wiener, 1979.
- 27. Coons et al., 1970, pp. 356-357; Dominguez, 1977; Peterson, 1972.
- 28. Garcia, 1976; Cardenas et al., 1976.
- 29. Garcia, 1979; Estrada, 1979.
- 30. Condition, Table 3.13; Jackson, 1979; Nelson, 1979.
- 31. Nelson and Breneman, 1979, p. 20.
- 32. Hyde, 1979; Augenblick, 1978; Augenblick and Hyde, 1979.
- 33. Nelson and Breneman, 1979, p. 22. These "critics" would include, among others, Astin, 1975; Olivas, 1979; Augenblick, 1978.
- 34. Olivas, 1979, p. 12.
- 35. Halstead, 1974, pp. 420, 467-68.
- 36. Olivas, 1979, Appendix B; Hefferman, 1974.
- 37. Gladieux, 1975.
- 38. Nelson, 1980.
- 39. Wagner and Rice, 1977. See also Condition of Education 1978, Table 5.16.
- 40. Hansen and Gladieux, 1978; Gladieux and Byce, 1980; Mudrick, 1980.
- 41. Nelson and Breneman, 1979, p. 33.
- 42. Bridge, 1978; Kleés, 1974; Olivas, 1981 (a).
- 43. Gladieux and Byce, 1980. For an opposite view, see AMS, 1980.
- 44. NRC, 1979; NRC, 1980.
- 45. NRC, 1979.

- 46. NRC, 1980.
- 47. Condition, Table 3.45.
- 48. NBGE, 1976, p. 45.
- 49. Newman, 1978; Windham, 1980.
- 50. Poston and Alvirez, 1973; Williams et al., 1973; Flores, 1978.
- 51. Miller and Preston, 1973.
- 52: Salazar and Martorana, 1978, Table 2; Salazar, 1977.
- 53. 20 U.S.C. 1142 (a).
- 54. Adams v. Califano, 430 F./Supp. 118 (D.D.C. 1977).
- 55. Morris, 1979.
- 56. For examples of work that does examine these issues, see Ogbu, 1978; Olivas, 1979.
- 57. Haro, 1977; NIE, 1977 (b).
- 58. Arias, 1980.
- 59. <u>U.S. v. Texas</u>, 342 F. Supp. 24 (E.D. Texas, 1971), <u>aff'd</u> 446F 2d 518 (1972).
- 60. Arce, 1978, p. 86.
- 61. Fals Borda, 1970.
- 62. Arce, 1978, p. 77.
- 63. Arce, 1978, p. 101.
- 64. For an analysis of minority hiring in two year colleges, see Olivas, 1979, Chapter 3.
- 65. Olivas, 1981 (b).
- 66. Barrera, 1979
- 67. Barrera, 1979, p. 217.
- 68. Bonilla and Campos, 1981.
- 69. Barrera, 1979, p. 219.

- 70. NAEP, 1977
- 71. SIE, 1980.
- 72. Greeley, 1981, p. 8; Nielsen and Fernandez, 1981.
- 73. Glazer, 1978, p. 74.
- 74. With the possible exception of sociolinguistics and educational psychology - which are advancing our understanding of bilingual education and language acquisition history is, in my opinion, the disciplinary cutting edge of understanding Latino education. As yet, no comprehensive histories of Hispanic education exist, but the fertile contributions of Latino historians in understanding labor and political oppression will inevitably enhance our understanding of educational history. I am grateful to Arturo Pacheco for his insight and assistance in this paper.

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